

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
**CREE, James W. et al.**  
 Serial No.: 10/582,313  
 I.A. Filing Date: 08 June 2006  
 For: DIFFERENTIAL ENERGY COMPOSITES)  
 AND METHODS OF MANUFACTURING )  
 SAME )



Confirmation No.: 3997  
 Examiner: Not Yet Assigned

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371**

Mail Stop Missing Requirements  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450

16 May 2007  
 Atlanta, Georgia 30308-2216

Dear Sir:

In response to the Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US) mailed 16 February 2007, Applicant's attorney encloses the following:

1. Transmittal Form (1 pg.)
2. Response to Notice of Missing Requirements Under 35 U.S.C. 371 (1 pg.)
3. Combined Declaration and Power of Attorney (2 pgs.)
4. Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US) – Part 1 (2 pgs.)
5. Petition under 37 CFR 1.47 (a) to Find Uncooperative Inventor (2 pgs.)
6. Exhibit 1 - Declaration of Applicant's Representative/Agent (2 pgs.)
7. Exhibit 2 – Federal Express Tracking Information (3 pgs.)
8. Petition for One Month Extension (1 pg.)
9. Petition Fee Transmittal (1 pg.)
10. \$320.00 Extension Fee and Petition Fee (Ck. #407166)
11. Certificate of Express Mailing (1 pg.)
12. Return Postcard

The Commissioner is hereby authorized to charge any fees that may be required, or credit any overpayment, to Deposit Account No. 20-1507.

Respectfully submitted,  
 TROUTMAN SANDERS, LLP

By \_\_\_\_\_  
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Ref. No.: TRED54



**UNITED STATES PATENT AND TRADEMARK OFFICE**

MAY 16 2007

U.S. PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

U.S. APPLICATION NUMBER	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/582,313	James W. Cree	345US (P31278-A USA)
INTERNATIONAL APPLICATION NO.		
PCT/US04/41434		
I.A. FILING DATE		PRIORITY DATE
12/08/2004		12/08/2003
CONFIRMATION NO. 3997		
371 FORMALITIES LETTER		
 *OC00000022523788*		

Date Mailed: 02/16/2007

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 06/08/2006
- Copy of the International Search Report filed on 06/08/2006
- Preliminary Amendments filed on 06/08/2006
- Oath or Declaration filed on 06/08/2006
- Request for Immediate Examination filed on 06/08/2006
- U.S. Basic National Fees filed on 06/08/2006
- Priority Documents filed on 06/08/2006

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
  - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://spportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

SHAKEEL AHMED

Telephone: (703) 308-9140 EXT 208

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/582,313	PCT/US04/41434	345US (P31278-A USA)

FORM PCT/DO/EO/905 (371 Formalities Notice)